

PUBLIC NOTICE

May 17, 2022

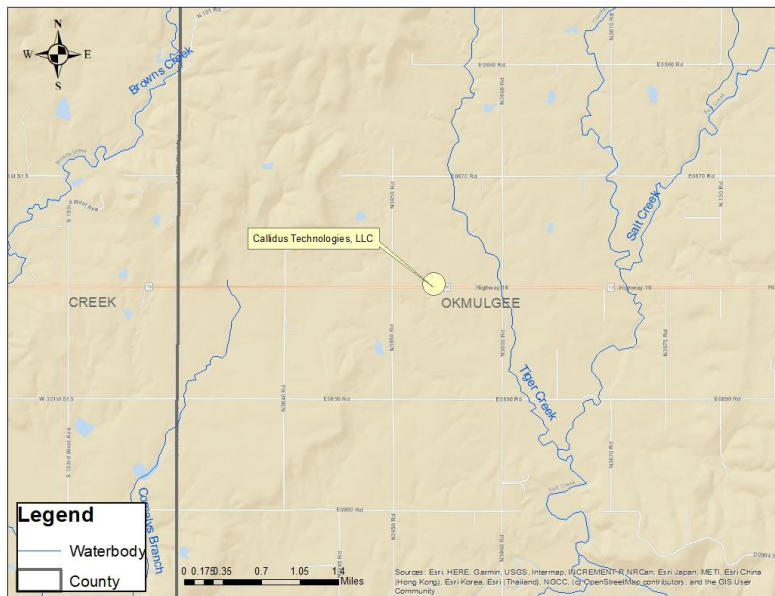
REQUEST FOR PUBLIC COMMENT ON A PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR CALLIDUS TECHNOLOGIES, LLC

Public Comment Period Begins: May 17, 2022

Public Comment Period Ends: July 1, 2022

Permittee: Callidus Technologies, LLC, 2499 Hwy 16, Beggs, OK 74421. [Facility Legal Description: SE¼, SE¼, SW¼, Section 28, Township 15 North, Range 11 East, I.M.]

Receiving waters and location: Unnamed tributary of Tiger Creek (OK520700020160_00) (Latitude: 35° 43' 50.7" North; Longitude: 96° 8' 18.42" West).



Recently, Callidus Technologies, LLC., installed a new cooling tower and requested a 208 Plan modification to discharge the cooling tower wastewater. The facility estimated to discharge 314 gpd effluent into the unnamed tributary of Tiger Creek.

A Streeter-Phelps model was utilized to determine the impact of DO demanding substances on the instream DO concentration. A 20% margin of safety (MOS) was incorporated to all model inputs to account for uncertainty in the model.

The unnamed tributary of Tiger Creek is not listed in Appendix A of the Oklahoma Water Quality Standards (OAC 785:45). Therefore, it is assumed to have the designated use of Warm Water Aquatic Community (WWAC). Tiger Creek is listed in Appendix A of the Oklahoma Water Quality Standards (OAC 785:45) and its beneficial uses are listed as Aesthetics, Agriculture, Fish and Wildlife Propagation - Warm Water Aquatic Community (WWAC), Fish Consumption, and Primary Body Contact Recreation (PBCR). No impairments were reported in Tiger Creek.

This WLA has been developed to ensure that the limits assigned to the discharge are stringent enough to maintain DO standards under critical conditions. The proposed discharge limits for Callidus Technologies, LLC., are shown below:

Callidus Technologies, LLC

Highest Monthly Average Flow ($Q_{e(30)}$): 314 gpd

Year-round: 185 mg/L CBOD₅, 0.26 mg/L NH₃-N, 5.0 mg/L DO

These limitations are minimum requirements. If a Total Maximum Daily Load (TMDL) is approved for the stream, any more stringent limitations contained in the TMDL will apply. The comment period will be open for 45 days. If you have any concerns regarding these proposed limits, please submit your comments in writing by the end of the workday on **July 1, 2022** to:

Soojung Lim
 Water Quality Division
 Oklahoma Department of Environmental Quality
 P.O. Box 1677
 Oklahoma City, OK 73101-1677
 (405) 702-8195
 E-mail: Water.Comments@deq.ok.gov

You may also request a public meeting in writing. If there is a significant degree of public interest, DEQ will schedule a public meeting. After evaluating comments received and making any necessary changes, the WLA will be submitted to the U.S. Environmental Protection Agency (EPA) for final approval.

FACILITY 208:	Callidus Technologies, LLC	CITY/TOWN:	Beggs
LEGAL LOCATION:	SE¼, SE¼, SW¼ S28, T15N, R11E	COUNTY:	Okmulgee
POD LOCATION:	SE¼, SE¼, SW¼ S28, T15N, R11E	SEGMENT:	520700
POD LATITUDE:	35° 43' 50.7" N	POD LONGITUD*:	96° 8' 18.42" W
OPDES #:	OK0100803	FACILITY ID #:	I-56000660
CURRENT TREATMENT PROCESS:	N/A		
$Q_{e(30)}$ (gpd):	314		
RECEIVING STREAM:	Unnamed tributary of Tiger Creek (OK520700020160_00)	Stream Class:	Intermittent
7-day 2-year low flow in MGD (7Q2)		N/A	
WASTELOAD ALLOCATION:	Year-round: 185 mg/L CBOD ₅ , 0.26 mg/L NH ₃ -N, 5.0 mg/L DO		
Recommended Treatment Alternatives			
A)	Land Application		
B)			
C)			
		EPA Approval Date:	Pending
		Record Last Updated:	5/5/2022

You are receiving this notice because you are either on DEQ's list to receive all public notices about proposed Waste Load Allocations or you are located downstream in an affected watershed. If you are receiving this notice in error, are getting multiple notices, or do not want to receive future notices, please let us know. In addition to notices about new or changes in 208 Plans for facilities, DEQ's Modeling, TMDL, 208 & 303(d) Section sends out public notices about proposed changes in the Integrated Report, proposed TMDLs, 404 projects, 401 Certification requests, and proposed changes in the CPP.

If you would like to receive any or all of these public notices via e-mail, please send your e-mail address to Water.Comments@deg.ok.gov. Also, please let us know if you want to receive notices for the entire State or just for your [watershed](#). **By receiving PDF public notices via e-mail, you will help save money and the environment by reducing the amount of paper we use to mail them.** In addition to helping the environment, you will be able to click on helpful FYI hyperlinks.



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